

Converting Colors

Yxy(34.2029, 0.3610, 0.2663)

Have a look what the booklet for
Yxy(34.2029, 0.3610, 0.2663)
contains.

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Color

Yxy(34.2029, 0.3610, 0.2663)

Conversions

Conversions Part 1

Format	Color
Hex	DF7FB5
RGB	223, 127, 181
RGB Percent	87%, 50%, 71%
CMY	0.1254, 0.5020, 0.2902
CMYK	0.00, 0.43, 0.19, 0.13
HSL	326°, 60%, 69%
HSV	326°, 43%, 87%
XYZ	46.3659, 34.2029, 47.8686
YIQ	161.8600, 39.8820, 37.1460

Conversions

Conversions Part 2

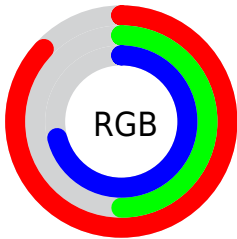
Format	Color
R _Y B	223, 127, 181
Decimal	14647221
CIE Lab	65.12, 43.93, -12.21
CIE LCh	65, 45.597, 344.470
Yxy	34.2029, 0.3610, 0.2663
Android (android.graphics.Color)	4292837301 (0xFFDF7FB5)
YUV	161.8600, 9.4360, 53.6198
Hunter-Lab	58.4832, 39.1704, -7.5907

Details

The Yxy color **34.2029, 0.3610, 0.2663** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **60.1655, 0.2832, 0.4027**, and the grayscale version is **36.0037, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.8303, 0.3298, 0.2739**, and **14.6977, 0.3757, 0.2494** is the 20% darker color. If you saturate the color by 10%, you get **28.6810, 0.3776, 0.2528**, and if you desaturate by 10%, it is **41.0310, 0.3465, 0.2810**.

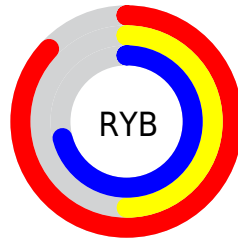
Distribution



Red (87%)

Green (50%)

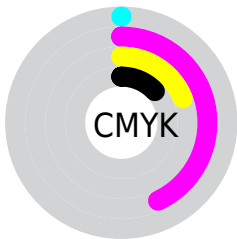
Blue (71%)



Red (87%)

Yellow (50%)

Blue (71%)

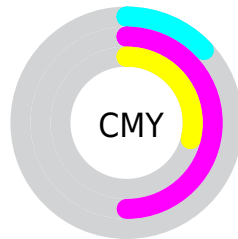


Cyan (0%)

Magenta (43%)

Yellow (19%)

Black (13%)



Cyan (13%)


Magenta (50%)

Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.2029, 0.3610, 0.2663 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 34.2029, 0.3610, 0.2663 by changing the saturation by 10% instead.


 34.2029, 0.3610,
0.2663


 34.2029, 0.3610,
0.2663


321.0358, 0.3365,
0.2976


 23.0495, 0.3672,
0.2585


 66.2491, 0.3520,
0.2776

 14.6301, 0.3753,
0.2486


 87.9106, 0.3486,
0.2819

 8.5602, 0.3861,
0.2355


 113.8437, 0.3458,
0.2855

 4.4554, 0.4014,
0.2174

144.4328, 0.3434,
0.2886

 1.9314, 0.4245,
0.1909

180.0621, 0.3413,
0.2913

 0.5672, 0.4672,
0.1417

221.1161, 0.3395,

 0.0000, 0.6780,

0.2937

0.0000

267.9792, 0.3379,
0.2957

0.0000, 0.0000,
0.0000

34.2029, 0.3610,
0.2663

34.2029, 0.3610,
0.2663

28.6810, 0.3776,
0.2528

41.0310, 0.3465,
0.2810

24.3748, 0.3962,
0.2417

49.2382, 0.3342,
0.2960

21.1899, 0.4163,
0.2339


58.8979, 0.3238,
0.3107

19.0155, 0.4371,
0.2309

70.0768, 0.3151,
0.3248


17.7182, 0.4579,
0.2332

82.8373, 0.3078,
0.3381

 17.1829, 0.4719,
0.2373

 93.4772, 0.3019,
0.3447

 94.0717, 0.2965,
0.3347

 94.4319, 0.2935,
0.3289

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



34.2029, 0.2890, 0.2339



34.2029, 0.3610, 0.2663



34.2029, 0.4241, 0.3123

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



34.2029, 0.3610, 0.2663



34.2029, 0.3895, 0.4526



34.2029, 0.1902, 0.2683

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



34.2029, 0.3610, 0.2663



60.1655, 0.2832, 0.4027

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



34.2029, 0.2105, 0.3321



34.2029, 0.3610, 0.2663



34.2029, 0.3234, 0.4535

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



34.2029, 0.3610, 0.2663



34.2029, 0.4381, 0.4158



34.2029, 0.2579, 0.4060



34.2029, 0.1975, 0.2312

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



34.2029, 0.3610, 0.2663



34.2029, 0.4481, 0.3470



34.2029, 0.2579, 0.4060



34.2029, 0.1939, 0.2869

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



34.2045, 0.3610, 0.2663



79.7433, 0.3238, 0.3107



28.8974, 0.2665, 0.2071



16.4084, 0.3260, 0.3074



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



34.2045, 0.3610, 0.2663



39.3069, 0.3764, 0.2537



32.5731, 0.4176, 0.3217



13.8290, 0.3205, 0.3159



10.1239, 0.4690, 0.2357



0.7196, 0.4399, 0.2197

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



34.2045, 0.3610, 0.2663



39.3069, 0.3764, 0.2537



62.2901, 0.2577, 0.3370



13.8290, 0.3205, 0.3159



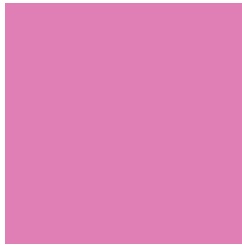
10.1239, 0.4690, 0.2357



0.7196, 0.4399, 0.2197

Previews

White Background



This preview shows how the Yxy color 34.2029, 0.3610, 0.2663 looks on a white background.

Color Contrast Check

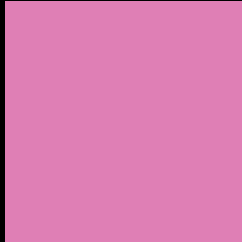
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 34.2029, 0.3610, 0.2663 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

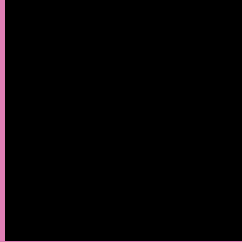
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 34.2029, 0.3610, 0.2663

Background



This preview shows how black text looks on a background with the Yxy color 34.2029, 0.3610, 0.2663.



This preview shows how white text looks on a background with the Yxy color 34.2029, 0.3610, 0.2663.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

34.2029, 0.3610, 0.2663

Protanopia

34.5340, 0.2679, 0.2672

Deuteranopia

34.3528, 0.3045, 0.2979



Tritanopia

34.1239, 0.3975, 0.3171

Trichromacy



Original Color

34.2029, 0.3610, 0.2663



Protanomaly

33.5668, 0.2973, 0.2647



Deuteranomaly

33.7257, 0.3240, 0.2838



Tritanomaly

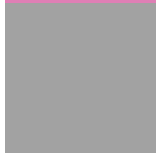
33.8826, 0.3844, 0.2979

Monochromacy



Original Color

34.2029, 0.3610, 0.2663



Achromatopsia

36.1307, 0.3127, 0.3290



Achromatomaly

34.5498, 0.3292, 0.3019

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.2029, 0.3610, 0.2663 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(223, 127, 181)` looks like.

```
.text, #text, p{  
    color:rgb(223, 127, 181)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(223, 127, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 127, 181) }
```

Border

The CSS property to change the border of an element to Yxy 34.2029, 0.3610, 0.2663 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(223, 127, 181) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(223, 127, 181) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(223, 127, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 127, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 127, 181);  
box-shadow:4px 4px 4px 4px rgb(223, 127,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 34.2029, 0.3610, 0.2663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 127, 181) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(223,  
127, 181) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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